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1. A digital communication network node, comprising:

a digital packet radio transceiver;

an antenna array interfaced with the digital packet radio transceiver, configured to define a directional pattern supporting plurality of distinct spatial communication channels within a band having a plurality of frequency channels, wherein the plurality of distinct spatial communication channels permit concurrent spatial reuse of frequency channels; and

at least one automated processor configured to control the digital packet radio transceiver, and to:

detect channel conditions based on a feedback protocol between the digital packet radio transceiver and a remote digital packet radio system, selectively controlling the digital packet transceiver to transmit information responsive to the channel conditions; and

detect another digital packet radio transceiver concurrently using the same frequency channels, and selectively control in dependence on information from the other digital packet radio transceiver, an interference with the other digital packet radio transceiver by one of:

deferring to transmissions by the other digital packet radio transceiver, and

competing with transmissions by the other digital packet radio transceiver.

2. The digital communication network node according to claim **1**, wherein the antenna array comprises a phased antenna array.

3. The digital communication network node according to claim **1**, wherein the digital packet radio transceiver operates in at least a 5.9 GHz band between 5.850 GHz and 5.925 GHz.

4. The digital communication network node according to claim **1**, wherein the digital packet radio transceiver is compliant with an IEEE-802.11 protocol.

5. The digital communication network node according to claim **1**, wherein the digital packet radio transceiver operates using orthogonal frequency division multiplexing.

6. The digital communication network node according to claim **1**, wherein the at least one automated processor is further configured to control the digital packet radio transceiver to forward information wirelessly received from a first digital communication network node to a second digital communication network node.

7. The digital communication network node according to claim **6**, wherein the at least one automated processor is further configured to forward the information selectively dependent on a secure cryptographic token received from the other digital packet radio transceiver.

8. The digital communication network node according to claim **1**, wherein the at least one automated processor is further configured to control the use of frequency channels selectively in dependence on a secure cryptographic token received from the other digital packet radio transceiver.